

Form PTO-1449 INFORMATION DISCLOSURE CITATION IN AN APPLICATION (Use several sheets if necessary)				ATTY. DOCKET NO. 2185-0715P		APPLICATION NO. NEW			
				APPLICANT MACHIGUCHI et al.					
				FILING DATE January 5, 2004		GROUP UNASSIGNED			
U.S. PATENT DOCUMENTS									
EXAMINER INITIAL	DOCUMENT NUMBER	Kind	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE		
JA	US 4,808,501		1989-02-28	Chiulli	—	—			
JA	US 5,876,895		1999-03-02	Hishiro et al.	—	—			
JA	US 5,423,907		1995-06-13	Morikubo et al.	—	—			
JA	US 6,203,951	B1	2001-03-20	Furukawa et al.	—	—			
JA	US 4,876,165		1989-10-24	Brewer et al.	—	—			
	US								
	US								
	US								
	US								
	US								
FOREIGN PATENT DOCUMENTS									
	Office	DOCUMENT NUMBER	Kind	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION	
								YES	NO
JA		635182		1994-02-10	JAPAN	—	—	Abs	
JA		10-288708	A	1998-10-27	JAPAN	—	—		
JA		05257319	A	1993-10-08	JAPAN	—	—	Abs	
JA		02014264	A	1990-01-18	JAPAN	—	—	Abs	
JA		09291240	A	1997-11-11	JAPAN	—	—	Abs	
JA		61100724	A	1986-05-19	JAPAN	—	—	Abs	
JA		EP0531106	A	1993-03-10	EPO	—	—		
JA		EP0947563	A1	1999-10-06	EPO	—	—		
JA		58180509	A	1983-10-22	JAPAN	—	—	Abs	
OTHER DOCUMENTS (Include Name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.									
EXAMINER					DATE CONSIDERED				
John McPherson					8/3/05				
<small>EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.S.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.</small>									